

FORM PTO-1449				Attorney Docket:	Serial No.:		
				0225-4188	09/498,716		
				Applicant:			
				Lenstra et al.			
				Filing Date:	Group Art Unit:		
				February 7, 2000	2766		
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
<i>M.H./yj</i>	AA	5,787,028	07/28/98	Mullin			2000
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OTHER DOCUMENTS (Including Author, Title, Date, etc.)							
<i>M.H./yj</i>	AR	R.C. Mullin et al., "Optimal Normal Bases in GF(p')*, <i>Discrete Applied Mathematics</i> , 22 (1988/89), pp. 149-161.					
	AS						
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Examiner	<i>M.H./yj</i>		Date Considered <i>10/20/03</i>				
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<i>MH 1/20/03</i>	AA	6,252,960 B1	6/26/2001	Serroussi			
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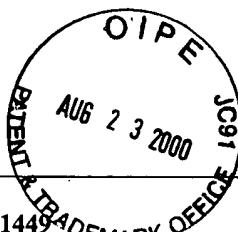
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M/H 11/20/03	AC	5,481,613	01/02/96	Ford et al.			
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M/H 11/20/03	AJ	4,870,681	09/89	Sedlak			
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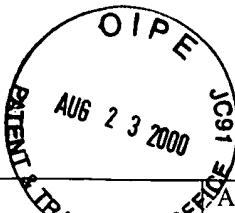
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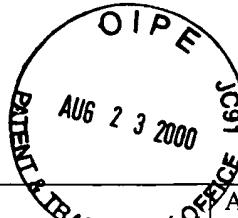
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M/H 11/20/03	AU	R.L. Rivest et al., "A Method for Obtaining Digital Structures and Public-Key Cryptosystems", <i>Communications of the ACM</i> , Vol. 21, No. 2, pp. 120-126, 1978.
M/H 11/20/03	AV	A.K. Lenstra and H.W. Lenstra Jr., "Algorithms in Number Theory", <i>Handbook of Theoretical Computer Science</i> , pp. 675-715, 1990.
M/H 11/20/03	AW	D. Coppersmith, "Finding a Small Root of a Bivariate Integer Equation; Factoring with High Bits Known", <i>EUROCRYPT '96, Proceedings</i> , LNCS 1070, pp. 178-189, 1996.
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11/21/03	AT	"Information Technology – Open Systems Interconnection – The Directory: Authentication Framework", ITU-T Recommendation X-509, ISO/IEC 9594-8: 1995(E), pp. 1-35. 1995.			
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Examiner	<i>M. R. L. H. C.</i>		Date Considered 11/21/03		
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<b>INFORMATION DISCLOSURE CITATION</b>				Applicant: Lenstra et al.			
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<b>U.S. PATENT DOCUMENTS</b>							
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11/11/03	AS	S. Gao and H. Lenstra, "Optimal Normal Bases, Codes and Cryptography," 2, pp. 315-323.					
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11/11/03	AU	U.M. Maurer, "Fast Generation of Prime Numbers and Secure Public-Key Cryptographic Parameters", Journal of Cryptology, Vol. 8, pg 123-155, 1995.					
11/11/03	AV	P.L. Montgomery, "Modular Multiplication Without Trial Division", Mathematics of Computation, Vol. 44, No. 170, pp. 519-521, 1985.					
11/11/03	AW	Vanstone et al., "Short RSA Keys and Their Generation", Journal of Cryptology, Spring 1995, vol. 8, no. 2, pp. 101-114.					
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1/1/03	Lentra et al. "The XTR Public Key System", (extended version of Crypto 2000 Presentation), pp. 73-86
1/1/03	"Chapter 12. A New Public-Key Cryptosystem" pp. 1-11
1/1/03	"The XTR Cryptosystem", Internet, Sept. 2001, pp. 1-5
1/1/03	More "Letter to DDJ", Doctor Dobb's Journal on CD-Rom, May 1993, pp. 2-3
1/1/03	Smith "Cryptography Without Exponentiation", Dr. Dobb's Journal on CD-Rom, Apr. 1994, pp. 1-3
1/1/03	Smith "LUC Public-Key Encryption", Dr. Dobb's Journal on CD-Rom, Jan. 1993, pp. 1-12
1/1/03	McEliece "Finite Fields for Computer Scientists and Engineers", Kluwer Academic Publishers, 1987, pp. 96-119
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1/1/03	Menezes et al. "Handbook of Applied Cryptography", CRC Press, 1997
1/1/03	Lenstra et al. "Key Improvements to XTR", Asiacrypt, 2000

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<i>11/11/03</i>	AS	Brouwer et al., "Doing More with Few Bits," Advances in Cryptology: Proceedings/ASIACRYPT '99, Int'l Conference on the Theory Applications of Cryptology and Information Security, Singapore, November 14-18, 1999, pp. 321-332.
<i>11/11/03</i>	AT	Cohen et al., "Efficient Elliptic Curve Exponentiation Using Mixed Coordinates," Advances in Cryptology: Proceedings/ASIACRYPT '98, Beijing, China, October 18-22, 1998, pp. 51-65.

Examiner	<i>M. H. T. L.</i>	Date Considered	<i>11/20/03</i>
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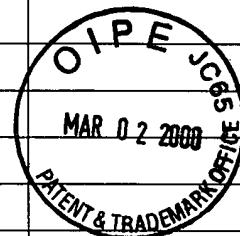
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<i>MM 11/20/00</i>	AS	Taher Elgamal, "A Public Key Cryptosystem and a Signature Scheme Based on Discrete Logarithms," IEEE Transactions on Information Theory, Vol. IT-31, No. 4, July 1985, pp. 469-472.
<i>MM 11/20/00</i>	AT	P. Gaudry et al., "Constructive and Destructive Facets of Weil Descent on Elliptic Curves," pp. 1-19.
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<i>11/20/03</i>	AS	Arjen K. Lenstra, "Using Cyclotomic Polynomials to Construct Efficient Discrete Logarithm Cryptosystems over Finite Fields," ACISP '97, Sydney, Australia, July 7-9, 1997, pp. 127-138.
<i>11/20/03</i>	AT	Arjen K. Lenstra, "Generating RSA Moduli with a Predetermined Portion," ASIACRYPT '98, Beijing, China, October 18-22, 1998, pp. 1-10.
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